

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, DC. 20221 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/655,197	09/05/2000	Alfred I-Tsung Pan	10992304-1	7747	
22879	7590 04/15/2003				
HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION			EXAMI	EXAMINER	
			SOWARD, IDA M		
FORT COLLINS, CO 80527-2400			ART UNIT	PAPER NUMBER	
			2822		

DATE MAILED: 04/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

## Advisory Action    PARA ALFRED ITSUNG   PARA MALENED   PARA AT Unit			Application No.	Applicant(s)	
### Examiner   Ida M Soward   2822  ### The MAILING DATE of this communication appears on the cover sheet with the correspondence address  ### THE REPLY FILED 24 March 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandomment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either. (1) a timely filed amendment which places the application in condition for allowance. (2) a timely filed Notice of Appeal (with appeal fee): or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  #### PERIOD FOR REPLY (check either a) or bi)  #### The period for reply expires 3 months from the mailing date of this Advisory Action or (2) the date set forth in the final rejection. The period for reply expires or. (1) the mailing date of this Advisory Action or (2) the final set of this final rejection, whichever is later. In no event, this 30x WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FIRST REPLY WAS FILED WITHIN TWO MONTHS (1) (3) and the appropriate extension the have been filed is the date for purposes of eletermining the period of extension and the corresponding amount of the file. The appropriate extension the have been filed is the date for purposes of eletermining the period of extension and the corresponding amount of the file. The appropriate extension the under 37 CFR 1.10(s) is calculated from (1) the expandence date tube period for reply originally set in the final rejection. Proplement of the filed within the period set forth in 37 CFR 1.10(s) calculated from (1) the expandence date tube period for reply originally set in the final selection, even if timely filed, may reduce any extension thereof (37 CFR 1.19(d)), to avoid dismissal of the appeal.    A Notice of Appeal was filed on		Advisory Action	09/655,197	PAN, ALFRED I-TSU	JNG
The MAILING DATE of this communication appears on the cover sheet with the correspondence address THE REPLY FILED 24 March 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandomment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either. (1) a timely filed amendment which places the application in condition for allowance. (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  PERIOD FOR REPLY [check either a) or b)    The period for reply expires 2 months from the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no evert, however, will be statutory period for reply expire so (1) the malfing date of the final rejection. Not. Y CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of eletermains the period of extension and the corresponding amount of the final rejection, whichever is later. In the petition of the final rejection of the petition of the final rejection of the final rejection of the final rejection of the final rejection of the f		,	Examiner	Art Unit	
THE REPLY FILED 24 March 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandomment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either. (1) at timely flied amendment which places the application in condition for allowance. (2) a timely flied Notice of Appeal (with appeal (ee); or (3) a timely flied Request for Continued Examination (ReC) in compliance with 37 CFR 1.114.  PERIOD FOR REPLY (check either a) or bb)  The period for reply expires 3 months from the mailing date of the final rejection. The period for reply expires 3.0 months from the mailing date of the final rejection. ONLY CHECK THIS DOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FIRAL REJECTION. See IMPER ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FIRAL REJECTION. See IMPER 1.0 months of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been files is the date for purposes of determining the petid of extension and the corresponding amount of the final rejection. Which is the date for purposes of determining the petid of extension and the corresponding amount of the final rejection with the final criminal petition of the final criminal petition in the final original petition of the final criminal petition in the final cr	и.		Ida M Soward	2822	
Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either. (1) a timely filed amendment which places the application in condition for allowance, (2) a timely filed Notice of Appeal (with appeal feet); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  PERIOD FOR REPLY [check either a) or b)]  The period for reply expires 32 months from the mailing date of this final rejection.  The period for reply expires 32 months from the mailing date of this final rejection.  ONLY CHECK THIS SOX WHEN THE ITRIST REPLY WAS TELED WITHIN TWO MONTHS Of THE FINAL RELECTION. See MPEP CHECK THIS SOX WHEN THE ITRIST REPLY WAS TELED WITHIN TWO MONTHS Of THE FINAL RELECTION. See MPEP CHESTION ONLY GRIEF ITRIST REPLY WAS TELED WITHIN TWO MONTHS OF THE FINAL RELECTION. See MPEP CHESTION SEE AND ADDRESS OF THE PRIVATE REPLY WAS TELED WITHIN TWO MONTHS OF THE FINAL RELECTION. See MPEP CHESTION SEE AND ADDRESS OF THE PRIVATE REPLY WAS TELED WITHIN TWO MONTHS OF THE FINAL RELECTION. See MPEP CHESTION SEE AND ADDRESS OF THE PRIVATE RELECTION SEE AND ADDRESS OF THE PRIVATE REPLY WAS TELED WITHIN TWO MONTHS OF THE FINAL RELECTION. SEE APPEP CHESTION SEE AND ADDRESS OF THE PRIVATE RELECTION SEE ADDRESS OF THE PRIVATE RELECTION SEE ADDRESS OF THE PRIVATE RELECTION SEE ADDRESS OF THE PRIVATE RELECTION SEED ADDRE		The MAILING DATE of this communication appe	ars on the cover shee	t with the correspondence addr	ess
a) The period for reply expires 2_months from the mailing date of the final rejection. b) The period for reply expires on (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no evert, however, will be stability period for reply expire stater than SIX ADVITHS from the mailing date of the final rejection. The period for reply expires that the final Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no evert, however, will be advisory period for reply expired to the final forth and the period of the final forth and final final forth and final final final final final final final final final forth and final fi	There final r condit	efore, further action by the applicant is required to avelection under 37 CFR 1.113 may only be either: (1) tion for allowance; (2) a timely filed Notice of Appeal ination (RCE) in compliance with 37 CFR 1.114.	oid abandonment of to a timely filed amendr (with appeal fee); or	his application. A proper reply ment which places the applicat (3) a timely filed Request for C	to a
th)	_			or b)]	
37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.  2. ☐ The proposed amendment(s) will not be entered because:  (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);  (b) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3. ☐ Applicant's reply has overcome the following rejection(s):  4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9. ☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  ANNR ZARABIAN	b) [ Ex fee hav fee und (2) as s	The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire la ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f).  Itensions of time may be obtained under 37 CFR 1.136(a). The re been filed is the date for purposes of determining the period of ler 37 CFR 1.17(a) is calculated from: (1) the expiration date of the forth in (b) above, if checked. Any reply received by the Office	Advisory Action, or (2) the dater than SIX MONTHS from FILED WITHIN TWO MOI date on which the petition of extension and the correspicte shortened statutory period later than three months as	m the mailing date of the final rejection  NTHS OF THE FINAL REJECTION. Solunder 37 CFR 1.136(a) and the approperation of the fee. The appropriate for reply originally set in the final Country.	n. See MPEP  priate extension priate extension Office action: or
(a) ☑ they raise new issues that would require further consideration and/or search (see NOTE below);  (b) ☐ they raise the issue of new matter (see Note below);  (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3.☐ Applicant's reply has overcome the following rejection(s):  4.☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5.☐ The a)☐ affidavit, b)☐ exhibit, or c)☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6.☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7.☑ For purposes of Appeal, the proposed amendment(s) a)☑ will not be entered or b)☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  8.☐ The proposed drawing correction filed on is a)☐ approved or b)☐ disapproved by the Examiner.  9.☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  ANIR ZARABIAN  ANIR ZARABIAN	1.	A Notice of Appeal was filed on Appellant's 37 CFR 1.192(a), or any extension thereof (37 CFR	Brief must be filed wi R 1.191(d)), to avoid d	thin the period set forth in ismissal of the appeal.	
(b)	2. 🛛	The proposed amendment(s) will not be entered be	ecause:		
(c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3. ☐ Applicant's reply has overcome the following rejection(s):  4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☑ For purposes of Appeal, the proposed amendment(s) a) ☑ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9. ☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	(a	) $oxtimes$ they raise new issues that would require furthe	er consideration and/o	r search (see NOTE below);	
issues for appeal; and/or  (d)	(b	) 🔲 they raise the issue of new matter (see Note be	elow);	•	
NOTE: See Continuation Sheet.  3. Applicant's reply has overcome the following rejection(s):  4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. The a) filidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  AMIR ZARABIAN	(c		better form for appea	al by materially reducing or sim	plifying the
Applicant's reply has overcome the following rejection(s):  4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-13.  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  AMIR ZARABIAN	(d	) 🔲 they present additional claims without cancelir	ng a corresponding nι	imber of finally rejected claims	
4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. □ The a) □ affidavit, b) □ exhibit, or c) □ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. □ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) □ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-13.  Claim(s) withdrawn from consideration:  8. □ The proposed drawing correction filed on is a) □ approved or b) □ disapproved by the Examiner.  9. □ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)		NOTE: See Continuation Sheet.			
canceling the non-allowable claim(s).  5.	3. 🗌	Applicant's reply has overcome the following rejection	on(s):		
application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-13.  Claim(s) withdrawn from consideration:  8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9. ☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  AMIR ZARABIAN  AND TARABIAN  AND TARABIAN  AND TARABIAN	4.		be allowable if submit	ted in a separate, timely filed a	mendment
raised by the Examiner in the final rejection.  7. □ For purposes of Appeal, the proposed amendment(s) a) □ will not be entered or b) □ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-13.  Claim(s) withdrawn from consideration:  8. □ The proposed drawing correction filed on is a) □ approved or b) □ disapproved by the Examiner.  9. □ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  AMIR ZARABIAN  AMIR ZARABIAN	5.	The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for application in condition for allowance because:	reconsideration has b 	een considered but does NOT	place the
explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-13.  Claim(s) withdrawn from consideration:  8.	6.		ause it is not directed	SOLELY to issues which were	newly
Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: 1-13. Claim(s) withdrawn from consideration:  8.	7.🛛				nd an
Claim(s) objected to: Claim(s) rejected: 1-13. Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:		The status of the claim(s) is (or will be) as follows:			
Claim(s) rejected: 1-13.  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:		Claim(s) allowed:			
Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:		Claim(s) objected to:			
8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:		Claim(s) rejected: <u>1-13</u> .			
9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s).  10. Other:  AMIR ZARABIAN  AND PATENT EXAMINER		Claim(s) withdrawn from consideration:			
10. Other:  AMIR ZARABIAN  OUNTRING ORV PATENT EXAMINER	8. 🗌	The proposed drawing correction filed on is a	a) approved or b)	disapproved by the Examine	er.
AMIR ZARABIAN  OUREDUS ORV PATENT EXAMINER	9.	Note the attached Information Disclosure Statemen	t(s)( PTO-1449) Pape	r No(s)	
	10.	Other:	;	- UPCOME ORY PATENT EXAMINE	R

Continuation of 2. NOTE: A "plurality of integrated chips adhered to the upper surface and aligned with each other and the substrate with a lithographic alignment tolerance" would require further consideration and/or search..